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Model #: SMART1500SLTXL

SmartPro Tower UPS - Intelligent, line-interactive network power management system

Highlights

- 1500VA / 1.5kVA line-interactive extended run tower UPS system for networks
- Sine wave output in AC and battery mode
- Simultaneous communications via SNMPWEBCARD slot, HID enabled USB and DB9 serial port
- Free PowerAlert UPS monitoring software manages an unlimited number of network UPS systems
- Input: NEMA 5-15P (120V 15A) / Output: 8 NEMA 5-15R (120V)
- 2 year product warranty / $250,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Description

1500VA line-interactive tower UPS system for server, networking and telecommunications equipment. Upright tower form factor. Offers sine wave 120V nominal output in both AC and battery modes. Runtime is expandable with the addition of BP36V15-2U (limit 1) or BP36V42-3U external battery packs. Switches to battery-derived AC output during power failures and extreme voltage variations. Line-interactive automatic voltage regulation (AVR) provides voltage boost/cut during brownouts/overvoltages to maintain regulated 120V nominal output over an input voltage range of 95-145V. Includes NEMA 5-15P input plug and 8 UPS-supported NEMA 5-15R output receptacles. Network-grade AC surge and noise suppression. Network management interfaces support simultaneous communications via USB port, DB9 serial port and SNMPWEBCARD slot. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Supports simultaneous detailed monitoring of equipment load levels, self-test data and utility power conditions via all 3 network interfaces. Includes PowerAlert monitoring software and complete cabling. Three-stage metered current monitoring and battery charge status LEDs. Data line surge suppression for dialup, DSL or network Ethernet connections (POE compatible). Utility power and voltage regulation LEDs. Audible alarm. Self-test. Field-replaceable, hot-swappable internal batteries. Attractive all-black color scheme. 2-year warranty and $250,000 connected equipment insurance; extended warranty and service contracts available.

Applications

Ideal for protection of network fileservers, internetworking gear, switches, hubs, POS terminals, VoIP telephony and traditional PBX switching systems, back office computer systems, ATM machines, informational/Internet/commerce kiosks, remote unattended servers, web servers, database servers, security systems, card readers, security cameras and other sensitive electronic devices requiring clean, continuously regulated output power.

Package Includes

- SMART1500SLTXL UPS System
- PowerAlert Software CD
- USB and serial cabling
- Owner's manual with warranty information

Features

- SmartPro line-interactive UPS system is ideal for voice, data, medical and industrial networking applications

- Line-interactive voltage regulation maintains selectable 120V nominal output during brownouts as low as 95V and overvoltages to 145V
- Enables continuous operation through blackouts, voltage fluctuations and surges
- Line-interactive automatic voltage regulation (AVR) provides 14% voltage boost during brownouts and a 12% voltage cut during overvoltages
- Standard internal battery set offers 16 min. runtime at half load (490W) and 6.75 min. at full load (980W)
- Runtime is expandable with the addition of BP36V15-2U (limit 1) or BP36V42-3U external battery packs
- Space-saving upright tower format
- Network interfaces support simultaneous communications via built-in USB port, DB9 serial port and SNMPWEBCARD slot HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X.
- Included PowerAlert UPS monitoring software supports safe unattended shutdown, monitoring and control via local connected servers, plus any number of additional servers over IP
- UPS interface supports on-battery, low-battery, power-restored, AC-voltage, DC-voltage, output current monitoring, battery charge current, battery capacity, timed inverter shutoff, activate self-test and output power control
- NEMA 5-15P input plug / 8 x NEMA 5-15R output receptacles
- Front panel LEDs offer current monitoring, voltage regulation and battery charge level information
- UPS ships fully assembled in full compliance with DOT regulations; no time-consuming connection of internal batteries by user required
- Single-line tel/DSL or network Ethernet line surge suppression (POE compatible)
- 2-year product warranty; $250,000 Ultimate Lifetime Insurance (USA, Puerto Rico, Canada)

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120V
Frequency compatibility	60Hz
OUTPUT	
Output VA	1500
Output watts	980
Output nominal voltage	120V
Output voltage regulation	LINE MODE: Sine wave line voltage 120V (-12%/+14%), BATTERY MODE: Sine wave output 120V (+/-5%)
Output frequency regulation	LINE MODE: Passes line frequency of +/-10% BATTERY MODE: Inverter output regulated to 60Hz (+/- 1Hz)
Outlet quantity / type	8 NEMA 5-15R
INPUT	
Maximum input amps	9.8A
Input connection type	NEMA 5-15P
Input cord length	6ft., 1.8m
Recommended Electrical Service	15A 120V
BATTERY	
Full load runtime	6.75
Half load runtime	16
DC system voltage	36V DC
Typical battery lifespan	4-6 years typical
Battery recharge rate	4-8 hours to 90%
Replacement Battery Cartridge	RBC53
VOLTAGE REGULATION	

Voltage regulation description	Automatic voltage regulation (AVR) circuits maintain clean, regulated computer-grade 120V nominal output, without using battery power, during brownouts to 95V and overvoltages to 145V
Overvoltage correction	At 120V, input voltages between 127-145V are reduced by 12%
Brownout correction	At 120V, input voltages between 95-108V are boosted by 14%
LEDS ALARMS & SWITCHES	
Front panel LEDs	Includes 10 front panel LEDs to indicate line/battery power status, over/undervoltage correction, battery charge level, load percentage, overload and replace battery
Alarms	Audible alarms indicate BATTERY MODE and OVERLOAD, UPS POWERED ON
Switches	2 front panel mounted switches. POWER ON switch powers UPS on in AC or battery mode when pressed longer than one second. POWER ON switch also initiates self-test when pressed longer than .5 seconds with the UPS in line power mode. Also serves as an alarm
SURGE / NOISE SUPPRESSION	
AC surge suppression	738 joules
AC suppression response time	Instantaneous
Dataline suppression	Includes 8-wire RJ45 style jack; pins 1,2,3 & 6 offer 10baseT Ethernet line surge suppression with 7.5V clamping, pins 4 & 5 offer single-line tel/DSL line suppression starting at 260V. (POE Compatible)
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Shipping weight (lbs)	47.7
Shipping weight (kg)	21.5
Shipping Dimensions (HWD/in)	14 x 9.8 x 18.3
Shipping Dimensions (HWD/cm)	35.6 x 24.9 x 46.5
Unit weight (lbs)	44.6
Unit weight (kg)	20.1
Unit Dimensions (HWD/in)	10.1 x 6.65 x 13.75
Unit Dimensions (HWD/cm)	25.7 x 16.9 x 35
Material of construction	Steel
Form factors supported	Tower
Cooling method	Fan
Battery Access	Supports battery access and hot-swap replacement without powering off connected equipment
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
COMMUNICATIONS	
Network monitoring port	2 built-in monitoring ports: 1 x USB and 1 x DB9. Each supports on battery, low battery, power restored, AC line voltage, DC battery voltage, load percentage, battery charge current, battery capacity, temperature and line frequency status messaging.
Software and cabling included	PowerAlert UPS monitoring software for all common network and standalone operating systems. Ships with 2 cables: 1 x USB and 1 x DB9
SNMP compatibility	SNMP adapter accessory #SNMPWEBCARD

WatchDog compatibility	Compatible with Tripp Lite's WatchDog Software to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment; ideal for unattended kiosk applications
LINE / BATTERY TRANSFER	
Transfer time from line power to battery mode	4-6 milliseconds
Low voltage transfer to battery power	Switches to battery power as line voltage decreases to 95 volts or less. Resets back to line power mode as line voltage increases to 100V or higher.
High voltage transfer to battery power	Switches to battery power as line voltage increases to 145 volts or higher. Resets back to line power mode as line voltage decreases to 141V or less.
SPECIAL FEATURES	
Cold Start	Inverter can be cold started to enable temporary AC output during a power failure by pressing and holding the POWER ON button for longer than 1 second.
Appearance	Attractive all-black color scheme
CERTIFICATIONS	
Certifications	Tested to UL1778 (USA), CSA C22.2 No. 107.3 (Canada), RoHS-Compliant, Class A (Emissions), NOM (Mexico), FCC Part 68/Industry Canada (Telecommunications)
WARRANTY	
Product Warranty Period	2 years
Connected Equipment Coverage	$250,000
Optional Coverage	3-year and 5-year extended warranty coverage, plus next-day and on-site warranty coverage available for select opportunities

Related Items

Extended Warranties		
WEXT3-500-1500	3-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	Qty: [optional]
WEXT5-500-1500	5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	Qty: [optional]

External Battery Packs		
BP36V15-2U	BP36V15-2U - External Battery Pack for UPS System	Qty: [optional]
BP36V42-3U	BP36V42-3U - External Battery Pack for UPS System	Qty: [optional]

Power Distribution		
PDU1215	Basic PDU / Power Distribution Unit - Safe, reliable power distribution for critical networking equipment	Qty: [optional]
PDU1415	Basic PDU / Power Distribution Unit - Safe, reliable power distribution for critical networking equipment	Qty: [optional]
PDUMH15	Metered PDU / Power Distribution Unit - Safe, reliable power distribution with digital current meter	Qty: [optional]
PDUMH15ATNET	Switched, Metered PDU with ATS - Power Distribution Unit with dual-input Auto Transfer Switching, individual outlet control and remote network interface	Qty: [optional]
PDUV15	Safe, reliable power distribution for critical networking equipment	Qty: [optional]

SNMP Accessories		
ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	Qty: [optional]

SNMPWEBCARD	For remote monitoring and control via SNMP, Web or telnet.	Qty: [optional]

Software		
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	Qty: [optional]

USB Hubs/Accessories		
U022-010	USB Cable - 10-ft. USB 2.0 AB Gold Device Cable	Qty: [optional]

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=3848.

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